

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20040085945"	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2010/07/02 19:54
S2	358	(ignor\$3 near3 (ack or acknowledgement))	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2010/07/02 19:59
S3	116	(ignor\$3 near3 (ack or acknowledgement)) same packet	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2010/07/02 19:59
S4	116	((ignor\$3 or unnecessary or "not necessary") near3 (ack or acknowledgement)) same packet	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2010/07/02 20:00
S5	66	((ignor\$3 or unnecessary or "not necessary") near3 (ack or acknowledgement)) same (delay or processing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2010/07/02 20:00
S6	123	(ack or acknowledgement) with (every adj2 frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2010/07/03 19:16
S7	0	(ack or acknowledgement) with (every adj2 frame) with redundant\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2010/07/03 19:16
S8	0	(ack or acknowledgement) with (every adj2 frame) with unnecessar\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2010/07/03 19:16

## EAST Search History (Prior Art)

S9	123	(ack or acknowledgement) with (every adj2 frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2010/07/03 19:17
S10	158	((send\$3 or transmit\$4) adj4 (ack or acknowledged\$4)) with frame with requir\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/04/04 16:57
S11	15	((send\$3 or transmit\$4) adj4 (ack or acknowledged\$4)) with (broadcast\$3 adj2 frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/04/04 16:58
S12	443	((send\$3 or transmit\$4) adj4 (ack or acknowledged\$4)) with (broadcast\$3 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/04/04 17:24
S13	292	((send\$3 or transmit\$4) adj4 (ack or acknowledged\$4)) near10 (broadcast\$3 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/04/04 17:26
S14	224	((send\$3 or transmit\$4) adj4 (ack or acknowledged\$4)) near6 (broadcast\$3 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/04/04 17:26
S15	178	((send\$3 or transmit\$4) adj4 (ack or acknowledged\$4)) near4 (broadcast\$3 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/04/04 17:26
S16	173	S15 not S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/04/04 17:27

## EAST Search History (Prior Art)

S17	2004	contention-based	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/04/04 19:19
S18	45	contention-based with (acknowledg\$5 or ack)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/04/04 19:20
S19	146	(contention-free or (contention adj free)) with (acknowledg\$5 or ack)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/04/04 19:24
S20	6	(contention-free or (contention adj free)) with (acknowledg\$5 or ack) with requir\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/04/04 19:31
S21	7	(contention-free or (contention-based)) with (acknowledg\$5 or ack) with requir\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/04/04 19:32
S22	3382	370/345	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:30
S23	1612	370/346	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:30
S24	6303	370/347	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:30

## EAST Search History (Prior Art)

S25	2206	370/348	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:30
S26	6517	370/349	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:30
S27	6926	455/445	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:38
S28	21642	S22 or S23 or S24 or S25 or S26 or S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:39
S29	5606	S28 and (frame near3 (transmit\$4 or send\$3 or receiv\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:40
S30	0	S28 and (frame near3 (transmit\$4 or send\$3 or receiv\$4) with (ack near "non requir\$3"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:41
S31	0	(frame near3 (transmit\$4 or send\$3 or receiv\$4) with (ack near "non requir\$3"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:41
S32	96	(frame with (ack or acknowledgement) with poll\$3) and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:42

## EAST Search History (Prior Art)

S33	0	(frame with (ack or acknowledgement) with poll\$3) same "not requiring"	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:43
S34	143	((send\$4 or transmit\$4) adj2 (ack or acknowledgement) with always)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:44
S35	5	((send\$4 or transmit\$4) adj2 (ack or acknowledgement) with always with (need\$3 or requir\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:45
S36	0	((send\$4 or transmit\$4) adj2 (ack or acknowledgement) near always near (need\$3 or requir\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:46
S37	49	((send\$4 or transmit\$4) adj2 (ack or acknowledgement) near always)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:46
S38	6	((send\$4 or transmit\$4) adj2 (ack or acknowledgement) near (regardless) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:52
S39	243	((send\$4 or transmit\$4) adj2 (ack or acknowledgement) near (without) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:59
S40	3	((send\$4 or transmit\$4) adj2 (ack or acknowledgement) near (without near (request\$3 or requir\$5)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 11:59

## EAST Search History (Prior Art)

S41	3382		370/345	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 17:54
S42	1612		370/346	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 17:54
S43	6303		370/347	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 17:54
S44	2206		370/348	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 17:54
S45	6517		370/349	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 17:54
S46	6926		455/445	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 17:54
S47	21642	S41 or S42 or S43 or S44 or S45 or S46		US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 17:54
S48	0	S47 and ((send\$3 or transmit\$4) adj4 (ack or acknowledg\$3)) with ("not requiring" or "not require")		US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 17:54

## EAST Search History (Prior Art)

S49	133	S47 and ((send\$3 or transmit\$4) adj4 (ack or acknowledg\$3)) with (requir\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 17:54
S50	0	S47 and (((send\$3 or transmit\$4) adj4 (ack or acknowledg\$3)) with (requir\$3) with regardless)	US-PGPUB; USPAT; USOCR; FPRS; EPO; IBM_TDB	OR	ON	2011/06/16 17:55

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S51	3395	370/345	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/16 17:55
S52	1615	370/346	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/16 17:55
S53	2206	370/348	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/16 17:56
S54	2070	370/348	USPAT; UPAD	OR	ON	2011/06/16 17:56
S55	6520	370/349	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/16 17:56
S56	6520	370/349	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/16 17:56
S57	6937	455/445	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/16 17:57
S58	17886	S51 or S52 or S53 or S54 or S55 or S56 or S57	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/16 17:57
S59	0	S58 and (frame with requir\$3 with acknowledgemt with "non requiring").clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/16 17:58
S60	0	S58 and (transmit\$4 with acknowledgemt with "non requiring").clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/16 17:59

## EAST Search History (I nterference)

S61	0	S58 and (transmit\$4 same acknowledgemt same "non requiring").clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/16 17:59
S62	0	S58 and (receiv\$3 same acknowledgemt same "non requiring").clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/06/16 17:59